Application No.: 09/689,599

Amendment dated February 25, 2004

Reply to Office Action dated August 26, 2003

Amendments to the Specification:

Please replace the paragraph beginning at page 13, line 20, spanning to page 14, line 3 with

the following amended paragraph:

As seen from the following Table 1 and Fig. 10, a condition in which more than 95%

Docket No.: 8733.167.00

of the video signal VD can be charged for this pixel (PIX(768,3072)) within a charge time of

about 10 μ s is satisfied where the organic protective film 48 has a thickness (d) of 0.8 μ m of

less and a dielectric constant (ϵ) of less than [[2]] 3.0 and a case where the organic protective

film 48 has a thickness (d) of 1.3 μ m or 1.5 μ m and a dielectric constant (ϵ) of less than 4.0.

Please replace the paragraph beginning at page 14, line 7 with the following amended

paragraph:

Also, the video signal VD can be sufficiently charged rapidly in a charge time (i.e.,

9.3 µs) when a thickness (d) of the organic protective film 48 is 0.9 µm and a dielectric

constant (ϵ) thereof is 3 in accordance with a timing margin between gate pulses. A thickness

of the organic protective film 48 is limited to at most 1.5 μ m in consideration of the coating

uniformity and the etching uniformity in the organic protective film 48 as mentioned above.

Please replace the paragraph beginning at page 15, line 5 with the following amended

paragraph:

In the table 2, parasitic capacitance values are values measured when a thickness of

the organic protective film 48 coated on the data line [[54]] 52 is 1.25 µm and an area (A) of

the overlapping line 56a at which the pixel electrode 50 is overlapped with the data line 52 is

837µm². The area (A) is a case where a length in the longitudinal side of the pixel cell

Page 2 of 19

Application No.: 09/689,599 Docket No.: 8733.167.00

Amendment dated February 25, 2004

Reply to Office Action dated August 26, 2003

(PIX(768,3072)) is 279μm and a width of the overlapping line 56a at which the pixel electrode 50 is overlapped with the data line 52 is 3μm. On the other hand, the parasitic capacitance of the overlapping line 56b where the pixel electrode 50 is overlapped with the gate line 54 is [[less]] greater than the parasitic capacitance of the overlapping line 56a because a thickness of the organic protective film 48 is thicker thinner than that between the pixel electrode 50 and the data line 52.